Amendments to the Abstract

Please **add** the following Abstract to this application.

-- A broadcast router (100) includes a router matrix (102a) having input and output sides (102a-1 and 102a-2). Coupled to the input side (102-1) of the router matrix (102a) are first and second reference inputs (146 and 148). The first reference input (146) is configured for application of a first reference signal thereto while the second reference input (148) is configured for selective application of either a second reference signal or a redundancy of the first reference signal thereto. The broadcast router (100) further includes N inputs, M outputs and a routing engine (134), coupled between the N inputs and the M outputs, for applying selected ones of the N inputs to the M outputs. A reference select circuit (144) is coupled between the first and second reference inputs (146 and 148) and the routing engine (134). --